

# Programme

## NLA97 : Complex Dynamical Systems

The Second Symposium on Non-Linear Analysis and its Applications

29 – 31 May 1997

The Conference Hall, MIZUTA Memorial Library  
JOSAI UNIVERSITY,  
SAKADO, JAPAN

29 May

- Thursday
- 1 **M.Fujimura** (National Defence Academy) and  
**K.Nishizawa** (Josai Univ.)  
Moduli Space of Polynomial Maps with Degree four
  - 2 **S.Nakane** (Tokyou Institute of Polytechnics)  
Hyperbolic Components of the Multicorn
  - 3 **K.Matsuzaki** (Ochanomizu Univ.)  
On a Problem of Stability of Kleinian Groups
  - 4 **O.Yamasita** (Nagoya Univ.) and  
**Y.Komori** (Osaka City Univ.)  
Jungreis' Algorithm for Laurent series of the Map  
to the Exteior of Mandelbrot Set

## 30 May

- Friday      5    **M.Taniguchi** (Kyoto Univ.)  
                    Teichmüller Space of Entire Functions
- 6    **S.Morosawa** (Kouchi Univ.)  
                    On the Iteration of a Family of Transcendental Entire Functions
- 7    **M.Kisaka** (Osaka Prefecture Univ.)  
                    On the Boudaries of Baker Domains
- 8    **M.Shishikura** (Tokyo Univ.)  
                    Renormalization and Rigidity Problem, a priori bound  
                    for the Complex Dynamical Systems
- 9    **D.Sumii** (Kyoto Univ.)  
                    Topological Pressure and Conformal Measure  
                    in Semigroup Dynamics
- 10    **Y.Okuyama** (Kyoto Univ.)  
                    The Bryuno Condition and Yoccoz Theorem
- 11    **T.Sugawa** (Kyoto Univ.)  
                    Uniform Perfectness of the Julia sets of Quadratic Polynomials

## 31 May

- Saturday    12    **K.Ichimura** (Ochanomizu Univ.)  
                    Dynamics and Kneading Sequences of Skew Tent Maps
- 13    **M.Ito** (Ochanomizu Univ.)  
                    Renormalization and Topological Entropy of Skew Tent Maps
- 14    **Y.Komori** (Osaka City Univ.)  
                    Monotonicity of the Topological Entropy on the Bimodal Real  
                    Cubic Maps
- 15    **Y.Ishii** (Tokyo Univ.)  
                    Kneading Theory for Lozi Maps